

IN THE CLAIMS:

Sub C1
D1
1. (Amended) A method for measuring an activity or concentration of a biomolecule comprising:

providing a reaction vessel containing a sample, said sample including a biomolecule having a biological activity;

providing a probe coated with a reactant, said reactant being capable of interacting with the biomolecule;

adding a known quantity of a compound with a detectable label to the sample;

inserting the probe into the reaction vessel such that the biomolecule and the detectable label contact the reactant and interact with the reactant such that label is bound to the reactant;

b2
removing the probe from the reaction vessel; and

measuring a quantity of detectable label in the reaction vessel and/or on the probe, whereby the quantity of detectable label measures the activity or concentration of a biomolecule.

B3
2. The method according to claim 1 wherein the probe has a shape selected from the group consisting of: pin; cone; cuboid; cylindrical; star-shaped; and spire-shaped.

B4
12. A method for measuring an activity or concentration of a biomolecule comprising:

sub D1
providing a reaction vessel containing a sample, said sample including a biomolecule having a biological activity;

providing a probe coated with a reactant, said reactant being capable of interacting with the biomolecule, said reactant including a detectable label;

B4 could.
inserting the probe into the reaction vessel such that the reactant and detectable label contact the biomolecule and interact with the biomolecule such that label is released from the reactant;

removing the probe from the reaction vessel; and

measuring a quantity of detectable label in the reaction vessel and/or on the probe, whereby the quantity of detectable label measures the activity or concentration of a biomolecule.

13. The method according to claim 12 wherein the probe has a shape selected from the group consisting of: pin; cone; cuboid; cylindrical; star-shaped; and spire-shaped.